

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/698,077
				Filing Date	October 29, 2003
				First Named Inventor	Cynthia B. Robinson
				Art Unit	1617
				Examiner Name	Kevin J. Capps
Sheet	1	Of	2	Attorney Docket Number	30775-715.201

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
U	1.	US 2002/0032160	03/14/2002	Nyce	

Examiner Signature	<i>[Signature]</i>	Date Considered	6/29/07
-----------------------	--------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-756-9199) and select option 2.

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/698,077
				Filing Date	October 29, 2003
				First Named Inventor	Cynthia B. Robinson
				Art Unit	1617
				Examiner Name	Kevin J. Capps
Sheet	2	Of	2	Attorney Docket Number	30775-715.201

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
<i>ll</i>	2.	SPINA, D. Theophylline and PDE4 inhibitors in asthma. Curr Opin Pulm Med. 2003; 9(1):57-64.	

Examiner Signature	<i>Kevin J. Capps</i>	Date Considered	6/29/07
-----------------------	-----------------------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of documents by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

3075260_1.DOC

Attorney Docket No. 30775-715.201

JUL 20 2005

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/698,077
Filing Date	October 29, 2003
First Named Inventor	Cynthia B. Robinson
Art Unit	1617
Examiner Name	San Ming R. Hui
Attorney Docket Number	30775-715.201

Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

PTO FORM 1449

ATTY. DOCKET NO.

02486.0067.NPUS01

APPLICATION NO.

10/698,077

APPLICANT

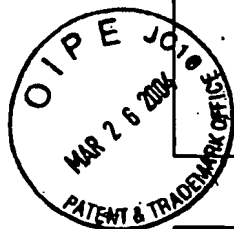
Cynthia B. Robinson, et al.

FILING DATE

October 29, 2003

GROUP

1646



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RL	1.	4,393,066	Jul. 1983	Garrett et al.			
	2.	4,499,064	Feb. 1985	Shive			
	3.	4,575,498	Mar. 1986	Holmes et al.			
	4.	4,628,052	Dec. 1986	Peat			
	5.	4,920,115	Apr. 1990	Nestler et al.			
	6.	4,931,441	Jun. 1990	Lawrence			
	7.	4,985,443	Jan. 1991	Montes			
	8.	5,021,417	Jun. 1991	Prost			
	9.	5,059,595	Oct. 1991	Le Grazie			
	10.	5,077,284	Dec. 1991	Loria et al.			
	11.	5,110,810	May 1992	Eich et al.			
	12.	5,118,505	Jun. 1992	Költringer			
	13.	5,162,198	Nov. 1992	Eich et al.			
	14.	5,173,488	Dec. 1992	Haeger			
	15.	5,177,076	Jan. 1993	Nijkerk et al.			
	16.	5,266,312	Nov. 1993	Leung et al.			
	17.	5,270,305	Dec. 1993	Palmer			
	18.	5,347,005	Sep. 1994	Mueller et al.			
	19.	5,407,684	Apr. 1995	Loria et al.			
	20.	5,407,927	Apr. 1995	Morales et al.			
	21.	5,449,686	Sep. 1995	Christensen, IV et al.			
	22.	5,489,581	Feb. 1996	Daynes et al.			
	23.	5,527,789	Jun. 1996	Nyce			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> PTO FORM 1449	ATTY. DOCKET NO.	APPLICATION NO.
	02486.0067.NPUS01	10/698,077
	APPLICANT	
	Cynthia B. Robinson, et al.	
	FILING DATE	GROUP
	October 29, 2003	1646

24.	5,532,230	Jul. 1996	Daynes et al.				
25.	5,538,734	Jul. 1996	Le Grazie				
26.	5,552,438	Sep. 1996	Christensen, IV				
27.	5,583,126	Dec. 1996	Daynes et al.				
28.	5,602,157	Feb. 1997	Christensen, IV				
29.	5,602,173	Feb. 1997	Christensen, IV				
30.	5,605,923	Feb. 1997	Christensen, IV et al.				
31.	5,614,540	Mar. 1997	Christensen, IV et al.				
32.	5,631,286	May 1997	Christensen, IV et al.				
33.	5,635,496	Jun. 1997	Daynes et al.				
34.	5,643,946	Jul 1997	Christensen, IV				
35.	5,660,835	Aug. 1997	Nyce				
36.	5,686,438	Nov. 1997	Daynes et al.				
37.	5,703,063	Dec. 1997	Chasalow, et al.				
38.	5,712,298	Jan. 1998	Amschler				
39.	5,767,278	Jun. 1998	Gaeta et al.				
40.	5,811,418	Sep. 1998	Daynes et al.				
41.	5,859,000	Jan. 1999	Dowell et al.				
42.	5,811,455	Sep. 1998	Christensen, IV et al.				
43.	5,861,391	Jan. 1999	Yen et al.				
44.	5,948,434	Sep. 1999	Labrie				
45.	6,087,351	Jul. 2000	Nyce				
46.	6,093,706	Jul. 2000	Zeligs				
47.	6,544,983	Apr. 2003	Doherty				
48.	2002/0042401	Apr. 2002	Ferguson et al.				
49.	2003/0013772	Jan. 2003	Murphy et al.				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Cherif 6/29/07

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) PTO FORM 1449	ATTY. DOCKET NO.	APPLICATION NO.
	02486.0067.NPUS01	10/698,077
	APPLICANT	
	Cynthia B. Robinson, et al.	
	FILING DATE	GROUP
	October 29, 2003	1646

<i>W</i>	50.	2003/0138434	Jul. 2003	Campbell et al.				
<i>W</i>	51.	2003/0139331	Jul. 2003	Martin et al.				
FOREIGN PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>+</i>	52.	WO 92/12961		PCT				
<i>x</i>	53.	WO 93/16704		PCT				
<i>x</i>	54.	WO 93/19749		PCT				
<i>+</i>	55.	WO 96/16680		PCT				
<i>+</i>	56.	WO 97/48387		PCT				
<i>+</i>	57.	WO 98/03180		PCT				
<i>+</i>	58.	WO 00/54763		PCT				
<i>+</i>	59.	WO 01/015745		PCT				
<i>+</i>	60.	WO 02/069955		PCT				
<i>+</i>	61.	WO 02/85296		PCT				
<i>+</i>	62.	WO 03/072572		PCT				
<i>x</i>	63.	WO 04/014293 A2		PCT				

→ NOT considered as they have not been provided by the applicant

Wesley *6/29/07*

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) PTO FORM 1449	ATTY. DOCKET NO. 02486.0067.NPUS01	APPLICATION NO. 10/698,077
	APPLICANT Cynthia B. Robinson, et al.	
	FILING DATE October 29, 2003	GROUP 1646

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
f	64.	Araneo et al., "Dehydroepiandrosterone Reduces Progressive Dermal Ischemia Caused by Thermal Injury", <i>J. Surg. Res.</i> 59(2):250-62 (1995).
x	65.	Bonnett et al., "Dehydroepiandrosterone (DHEA) prevents and reverses chronic hypoxic pulmonary hypertension," <i>PNAS</i> 100(16):9488-93 (2003).
x	66.	Budavari, The Merck Index 11 th ed., 1989, pp. 660-661, monograph 4141.
x	67.	Coleridge et al., "Intravenous aminophylline confers no benefit in acute asthma treated with intravenous steroids and inhaled bronchodilators", <i>Aust. N.Z. J. Med.</i> 23:348-54 (1993).
x	68.	Dashtaki et al., "Dehydroepiandrosterone and Analogs Inhibit DNA Binding of AP-1 and Airway Smooth Muscle Proliferation", <i>J. Pharmacol. Exp. Ther.</i> 285(2):876-83 (1998).
x	69.	Dompeling et al., "Treatment with Inhaled Steroids in Asthma and Chronic Bronchitis: Long Term Compliance and Inhaler Technique", <i>Family Practice</i> 9(2):161-6 (1992).
x	70.	Dunn, et al., "Dehydroepiandrosterone sulphate concentrations in asthmatic patients: pilot study," <i>N.Z. J. Med.</i> 97(768):805-8 (1984).
x	71.	Duplantier, et al., Novel pharmacological approaches to the treatment of asthma: status and potential of therapeutic classes", <i>DDT</i> 1(5):199-207 (1996)
x	72.	Dworski et al., "Conspectus: Inhaled Steroids in Asthma", <i>Comprehensive Therapy</i> , 18:3 (1992).
x	73.	Fehér et al., "Adrenocortical Function in Bronchial Asthma", <i>Acta Medica Hungarica</i> 40(2-3):125-32 (1983).
x	74.	Fehér, et al., "Dehydroepiandrosterone Therapy of Patients with Corticosteroid Dependent Bronchial Asthma," <i>Natl. Institute of Rheumatism and Physiotherapy, in XIII Congress of the European Academy of Allergology and Clinical Immunology</i> , eds. (Saba, et al., Debrecen Hungary (1986).
x	75.	Hampl et al., "Dehydroepiandrosterone sulphate reduces chronic hypoxic pulmonary hypertension in rats," <i>J. Eur. Respir.</i> 21:862-5 (2003).
x	76.	Holzmann et al., "Therapy of Psoriasis with Dehydroepiandrosterone-Enanthate. II. Intramuscular Depot-Application of 300 mg", <i>Arch. Dermatol. Forsch.</i> 247(1):23-8 (1973) (German with English Abstract).
x	77.	Hummel et al., "Comparison of oral-steroid-sparing by high-dose and low-dose inhaled steroid in maintenance treatment of severe asthma", <i>The Lancet</i> , 340(8834/8835):1483-7 (1992).
x	78.	Itagaki et al., "Effect of Cortisol on the Release of Human Decidual", <i>Caplus</i> , 114875 (1991) (Japanese with English Abstract).

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i> PTO FORM 1449	ATTY. DOCKET NO. 02486.0067.NPUS01	APPLICATION NO. 10/698,077
	APPLICANT Cynthia B. Robinson, et al.	
	FILING DATE October 29, 2003	GROUP 1646

x	79.	Koó et al., "Our experiences with Dehydroepiandrosterone Therapy in Steroid-Dependent Intrinsic Bronchical Asthma", <i>Orvosi Hetilap</i> 128(38):1995-7 (1987) (Hungarian).
x	80.	Koó et al., "Our experiences with Dehydroepiandrosterone Therapy in Steroid-Dependent Intrinsic Bronchical Asthma", <i>Orvosi Hetilap</i> 128(38):1995-7 (1987) (English translation).
x	81.	Lejeune, "Pathogenesis of Mental Impairment in Trisomy 21", <i>Annales de Génétique</i> , 92:27643 (1996) (French-with-English Abstract).
x	82.	Mileva et al., "Androstenedione, DHEA sulfate, cortisol, aldosterone and testosterone in bronchial asthma-patients", 07608054 (1990) (Russian with English Abstract).
x	83.	Nakagawa, et al., "The Properties of Water of Crystallization of Sodium Prasterone Sulfate," <i>Chem. Pharm. Bull.</i> 29(5):1466-9 (1981)
x	84.	Nakagawa, et al., "The Grinding and Drying on the Solid State Stability of Sodium Prasterone Sulfate," <i>Chem. Pharm. Bull.</i> 30(1):242-8 (1982)
x	85.	Pashko et al., "Inhibition of 7,12-dimethylbenz(a)anthracene-induced Skin Papillomas and Carcinomas by Dehydroepiandrosterone and 3-beta-methylandrosterone in mice", <i>Cancer Res.</i> 45(1):164-6 (1985).
x	86.	Peeters et al., "Differences in Purine Metabolism in Patients with Down's Syndrome", <i>J. Intellect. Disabil. Res.</i> 37:471 (1993). Abstract.
x	87.	Reed, "Aerosol Steroids as Primary Treatment of Mild Asthma", <i>New England J. Med.</i> , 325(6):425-6 (1991).
x	88.	Rowe et al., "Effectiveness of Steroid Therapy in Acute Exacerbations of Asthma: A Meta-analysis", <i>Amer. J. Emergency Med.</i> , 10(4):301-10 (1992).
x	89.	Sasaki et al., "Cervical Ripening with Dehydroepiandrosterone Sulphate", <i>Br. J. Obstet. Gynaecol.</i> 89(3):195-8 (1982).
x	90.	Sciara et al., "Aerosols", <i>Remington's Pharmaceutical Sciences</i> , 18 th ed. (1990), Eds. Gennaro et al., pp. 1873-5 and 1694-1712.
x	91.	Sharma et al., "Screening of potential chemopreventive agents using biochemical markers of carcinogenesis", <i>Cancer Res.</i> 54(22):5848-55 (1994).
x	92.	Shomali, "The Use of Anti-Aging Hormones: Melatonin, Growth Hormone, Testosterone, and Dehydroepiandrosterone: Consumer Enthusiasm for Unproven Therapies", <i>Md. Med. J.</i> 46(4):181-6 (1997).
x	93.	Sonka et al., "Gout and Dehydroepiandrosterone: 3. DHEA Administration", <i>Endokrynologia Polska</i> 24(3):209-18 (1973).

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary) PTO FORM 1449	ATTY. DOCKET NO. 02486.0067.NPUS01	APPLICATION NO. 10/698,077
	APPLICANT Cynthia B. Robinson, et al.	
	FILING DATE October 29, 2003	GROUP 1646

x	94.	Sur et al., "Double-blind trial pyroxidine (vitamin B6) in the treatment of steroid-dependent asthma", <i>Ann. Allergy</i> , 70:147-52 (1993).
x	95.	Schwartz et al., "Inhibition of 7,12-dimethylbenz[a]anthracene- and urethan-induced lung tumor formation in A/J mice by long-term treatment with dehydroepiandrosterone," <i>Carcinogenesis</i> 2(12):1335-7 (1981)
x	96.	Van de Graaf et al., "Respiratory Membrane Permeability and Bronchial Hyperreactivity in Patients with Stable Asthma: Effects of Therapy with Inhaled Steroids", <i>Bronchial Asthma and Respiratory Membrane Permeability</i> 143:362-8 (1991).
+	97.	Van Vollenhoven et al., "Dehydroepiandrosterone in SLE: Results of a Double-Blind, Placebo-Controlled, Randomized Clinical Trial.", <i>Arthritis Rheum.</i> 38(12): 1826-31 (1995).
+	98.	Wolkowitz et al., "Dehydroepiandrosterone Treatment of Depression", <i>Biol. Psychiatry</i> 41(3):311-8. (1997).

NOT
 Considered b/c
 no documents
 have been
 received by the office

NO Received DOC

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.